Serial No. 08/479,374 6 -9-01
Docket No. 5634.0148

PATENT

HE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In re Application of:

Group Art Unit:

2699

MAY 1 5 2001 Group 2600

Serial No.:

Examiner:

Luther, W.

Filed:

June 7, 1995

John C. Harvey and James W. Cuddihy:

08/479,374

Atty Dkt:

05634.0148

For: SIGNAL PROCESSING APPARATUS AND METHODS

Information Disclosure Statement

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

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This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that had been cited by or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).

Applicants have checked the appropriate boxes below.

- [] 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No statement under 37 C.F.R. § 1.97(e) or fee is required. 37 C.F.R. § 1.97(b).
- [X] 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance. 37 C.F.R. § 1.97(c).
 - [] a. I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
 - I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
 - [X] c. Attached is our Check No. 3444 in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

- [] 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. It is hereby requested that the Information Disclosure Statement be considered. Attached is our Check No. 3444 in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(i). 37 C.F.R. § 1.97(d).
 - [] a. I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
 - I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
 - [] c. An accompanying petition requesting consideration of this Information Disclosure Statement and the petition fee set forth in 37 C.F.R. § 1.17(i) are included with this communication. 37 C.F.R. § 1.97(d)(2) & (3).
- [] 4. Relevance of the non-English language document(s) is discussed in the present specification. 37 C.F.R. § 1.98(a)(3).
- [X] 5. A concise explanation of the relevance of the non-English language document(s) appears below in Appendix A. 37 C.F.R. § 1.98(a)(3).
- [X] 6. Some documents were cited in corresponding foreign applications.
- [X] 7. The Examiner's attention is directed to Applicants' co-pending U.S. Patent Applications that are directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application

and the art cited therein during examination. 37 C.F.R. § 1.98(d). Attached hereto is Appendix B listing Applicants' related applications, and Appendix C that lists the prior art previously cited by the PTO in those applications.

[X] 1. Copies of the documents were cited by or submitted to the Office in Applicants' Applications listed in Appendix D which are relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d). Applicants submit Appendix E which contains a list of all references not hereto previously cited in the instant application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

A single set of copied references required by 37 C.F.R. § 1.98(a) have been submitted in conjunction with this communication in Applicant's application number 08/113,329 in compliance with the PTO's instructions in the First Office Action of the above referenced application.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 50-0206.

Date: May 11, 2001 HUNTON & WILLIAMS 1900 K Street, NW, 12th Floor

Washington, D.C. 20006

Respectfully submitted,

Thomas J. Scott, Jr. Registration No. 27,836

Donald J. Lecher

Registration No. 41,933 Attorneys for Applicants

Tel: (202) 955-1938



PATENT

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Group 2600

Group Art Unit:

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Luther, W.

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June 7, 1995

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John C. Harvey and James W. Cuddihy:

Atty Dkt:

05634.0148

For: SIGNAL PROCESSING APPARATUS AND METHODS

TRANSMITTAL LETTER

BOX: Fee Amendement

Assistant Commissioner of Patents Washington, D.C. 20231

Applicants include in this communication:

- [X]Information Disclosure Statement;
- PTO Form 1449; [X]
- Check No. 3444 for \$180.00; [X]
- [X] Appendices A-E;
- The Commissioner is hereby authorized to charge any additional fees, or credit any [X] overpayment to Deposit Account No. 50-0206.
 - Any filing fees under 37 CFR 1.16 for the presentation of extra claims. [x]

Any patent application processing fees under 37 CFR 1.17. [x]

Date: May 11, 2001

HUNTON & WILLIAMS

1900 K Street, NW,

12th Floor

Washington, D.C. 20006

Respectfully submitted,

Thomas J. Scott, Jr. Registration No. 27,836

Donald J. Lecher

Registration No. 41,933 Attorneys for Applicants

Tel: (202) 955-1938

Serial No. 08/479,374 Docker.

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MAY 1 1 2001

INFORMATION DISCLOSURE STATEMENT BY APPLICANT PADEMAN

CITATION FORM

Attorney Docket No.

05634.0148 Applicant(s)

John C. Harvey and James W. Cuddihy

Filing Date June 7, 1995

2699

UNITED STATES PATENT DOCUMENTS

EXAMINER	PATENT	PATENT	NIABAE	CLASS/	FILING
INITIAL	NUMBER 1 027 702	DATE September 10, 1033	NAME	SUBCLASS 705/26	DATE*
	1,927,702	September 19, 1933	Foss	705/36	December 3, 1932
	2,511,085	June 13, 1950	Smith	381/104	November 15, 1946
	2,573,349	October 30, 1951	Miller et al.	725/14	December 9, 1949
	2,769,023	October 30, 1956	Loew et al.	725/143	January 19, 1950
	2,788,387	April 9, 1957	Druz	380/320	October 2, 1951
	2,864,865	December 16, 1958	Morris	568/430	May 4, 1955
	2,866,962	December 30, 1958	Ellet	380/227	December 6, 1955
	2,969,427	January 24, 1961	See	348/705	May 27, 1957
	3,008,000	November 7, 1961	Morchand	725/138	September 11, 1958
	3,016,091	January 9, 1962	Daniele	162/391	August 11, 1960
	3,071,642	January 1, 1963	Mountjoy et al.	725/151	February 21, 1957
	3,213,201	October 19, 1965	Flood et al.	370/381	July 2, 1962
	3,238,297	March 1, 1966	Pawley et al.	380/240	July 8, 1951
	3,244,806	April 5, 1966	Morris	725/151	January 30, 1962
	3,363,250	January 9, 1968	Jacobson	340/825.17	July 20, 1965
	3,371,071	February 27, 1968	Webb	428/355EN	January 18, 1965
	3,387,268	June 4, 1968	Epstein	340/825.26	September 9, 1963
	3,531,583	September 29, 1970	Walker	380/230	July 28, 1966
	3,531,586	September 29, 1970	Bass et al.	725/151	April 19, 1965
	3,536,833	October 27, 1970	Guanella	380/28	July 8, 1965
	3,569,937	March 9, 1971	Hoetter	340/825.75	November 6, 1968
	3,573,747	April 6, 1971	Adams et al.	705/37	February 24, 1969
	3,586,767	June 22, 1971	Morchand	348/473	June 4, 1968
	3,586,771	June 22, 1971	Hamburger et al.	725/1	October 25, 1968
	3,601,528	August 24, 1971	McVoy	724/143	June 16, 1969
	3,606,688	April 24, 1971	Zawels et al.	434/323	July 11, 1969
	3,609,697	September 28, 1971	Blevins et al.	717/2	October 21, 1968
	3,627,914	December 14, 1971	Davies	348/722	September 4, 1969
	3,648,270	March 7, 1972	Metz et al.	345/24	August 11, 1969
	3,657,699	April 18, 1972	Rocher et al.	380/265	June 30, 1970
·	3,659,046	April 5, 1972	Angeleri et al.	380/43	May 13, 1969
	3,676,580	July 11, 1972	Beck	725/16	June 1, 1970
	3,693,090	September 29, 1972	Gabriel	725/1	August 8, 1969
	3,703,684	November 21, 1972	McVoy	725/16	June 25, 1971
	3,716,835	February 13, 1973	Weinberg	340/825.27	March 19, 1971
	3,725,672	April 3, 1973	Reuter	327/176	July 30, 1971

EXAMINER	PATENT	PATENT		CLASS/	FILING
INITIAL	NUMBER	DATE	NAME NAME	SUBCLASS	DATE*
,	3,729,581	April 24, 1973	Anderson	348/640	September 3, 1973
	3,731,197	May 1, 1973	Clark	380/36	December 15, 1969
	3,736,369	May 29, 1973	Vogelman et al.	380/228	March 13, 1972
	3,744,043	July 3, 1973	Walden et al.	340/870.7	June 1, 1971
	3,746,780	July 17, 1973	Stetten et al.	386/95	February 25, 1971
	3,749,845	July 31, 1973	Fraser	370/433	August 27, 1971
	3,754,211	August 21, 1973	Rocher et al.	714/749	December 30, 1971
	3,755,624	August 28, 1973	Sekimoto	348/495	April 22, 1971
	3,757,225	September 4, 1973	Ukicki	725/1	March 16, 1972
	3,761,888	September 25, 1973	Flynn	710/18	August 3, 1972
	3,773,977	November 20, 1973	Guanella	380/36	June 21, 1971
	3,777,053	December 4, 1973	Wittig et al.	380/228	May 16, 1972
	3,789,137	January 29, 1974	Newell	386/98	April 7, 1972
	3,798,359	March 19, 1974	Feistel	380/37	June 30, 1971
	3,798,610	March 19, 1974	Bliss et al	709/236	December 20, 1972
	3,806,814	April 23, 1974	Forbes	725/119	April 26, 1972
	3,819,852	June 24, 1974	Wolf	348/478	August 29, 1972
	3,824,332	July 16, 1974	Horowitz	380/222	February 18, 1972
	3,824,467	July 16, 1974	French	380/35	December 1, 1972
	3,825,893	July 23, 1974	Bossen et al.	714/757	May 29, 1973
	3,833,757	September 3, 1974	Kirk, Jr. et al.	725/144	April 10, 1972
	3,835,387	September 10, 1974	Rookes et al.	725/151	November 15, 1972
	3,842,196	October 15, 1974	Loughlin.	348/486	November 12, 1973
	3,845,391	October 29, 1974	Crosby	455/39	July 15, 1971
	3,859,458	January 7, 1975	Takezawa et al.	348/24	August 30, 1973
	3,882,392	May 6, 1975	Harney	725/79	January 29, 1973
	3,890,461	June 17, 1975	Vogelman et al.	380/228	March 27, 1973
	3,891,792	June 24, 1975	Kimura	348/622	June 25, 1974
	3,893,031	July 1, 1975	Majeau et al.	380/274	November 8, 1972
	3,894,176	July 8, 1995	Mellon	380/230	178/5.1
	3,899,633	August 12, 1975	Sorenson et al.	380/207	May 12, 1972
	3,909,512	September 30, 1975	Omori et al.	386/75	October 5, 1973
	3,911,216	October 7, 1975	Bartek et al.	380/46	December 17, 1973
	3,911,419	October 7, 1975	Bates et al.	345/162	November 23, 1973
	3,914,534	October 21, 1975	Forbes	380/220	October 29, 1973
	3,916,091	October 28, 1975	Kirk, Jr. et al.	380/242	January 31, 1973
	3,919,462	November 11, 1975	Hartung et al.	380/235	August 15, 1973
	3,921,151	November 18, 1975	Guanella	380/36	July 12, 1973
	3,922,482	November 25, 1975	Gabriel et al.	725/31	August 20, 1971
	3,934,079	January 20, 1976	Barnhart	725/131	October 26, 1973
	3,936,593	February 3, 1976	Aaronson et al.	380/219	August 5, 1974
	3,936,594	February 3, 1976	Schubin et al.	380/238	August 5, 1974 August 5, 1974
	3,944,931	March 16, 1976	Usami et al.	455/192.2	November 14, 1974
	3,949,313	April 6, 1976	Tamada et al.	341/50	May 28, 1974
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3,970,790	EXAMINER	PATENT	PATENT	NAME	CLASS/	FILING
3,978,449	INITIAL	NUMBER 3 970 790	DATE July 20, 1976		SUBCLASS 380/36	DATE*
3,987,398						
3,988,528 October 26, 1976 Yanagimachi et al. 348/24 August 27, 19 3,990,050 November 23, 1976 Kolettis et al. 710/23 September 25, 1939,055 November 23, 1976 Belcher et al. 725/31 April 25, 197 3,997,718 December 14, 1976 Ricketts et al. 725/114 November 11, 1 4,008,369 February 15, 1977 Theurer et al. 725/3 February 28, 19 4,024,574 May 17, 1977 Nieson 380/232 February 28, 19 4,025,947 May 24, 1977 Michael 348/705 May 28, 197 4,025,948 May 24, 1977 Loshin 380/228 February 25, 19 4,048,619 September 13, 1977 Forman, Jr. et al. 370/485 September 17, 1 4,049,906 September 20, 1977 Hafiner et al. 178/2C April 21, 197 4,052,737 October 4, 1977 Robertson et al. 725/138 July 9, 1976 4,058,830 November 15, 1977 Gulnet et al. 380/212 June 3, 1976 4,068,264 January 10, 1978 Pires 380/233 July 19, 1976 4,068,264 January 10, 1978 Pires 380/233 July 19, 1976 4,068,264 January 10, 1978 Pires 380/233 July 19, 1977 4,068,264 January 10, 1978 Niegle et al. 348/732 Cotober 29, 197 4,081,161 March 28, 1978 Hafiner 370/393 July 14, 1971 4,081,161 March 28, 1978 Miller 455/158.2 December 13, 14, 1974 4,081,161 March 28, 1978 Miller 455/158.2 December 13, 14, 1974 4,081,162 March 28, 1978 Martin et al. 379/106.06 June 29, 197 4,112,464 September 15, 1978 Gulnet et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/241 May 11, 197 4,115,664 September 19, 1978 Gulnet et al. 380/241 May 11, 197 4,115,664 September 19, 1978 Gulnet et al. 380/241 May 11, 197 4,115,664 September 19, 1978 Gulnet et al. 380/241 May 11, 197 4						
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4,079,419 March 14, 1978 Siegle et al. 348/732 October 29, 19 4,081,612 March 28, 1978 Hafner 370/393 July 14, 1976 4,081,753 March 28, 1978 Miller 455/158.2 December 13, 1 4,091,417 May 23, 1978 Nieson 380/232 February 23, 19 4,104,486 August 1, 1978 Martin et al. 379/106.06 June 29, 197 4,112,464 September 5, 1978 Gulf et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/212 September 6, 1 4,115,807 September 19, 1978 Pires 380/233 November 1, 19 4,130,833 December 19, 1978 Choenet 380/220 April 11, 197 4,130,833 December 19, 1978 Choenet 380/220 April 11, 197 4,160,120 July 3, 1979 Barnes et al. 380/220 April 11, 197 4,161,751 July 17, 1979 Ost 725/25 May 19, 197 4,163,254 July 31, 1979 Block et al.		4,064,490	December 20, 1977	Nagel	709/227	September 10, 1975
4,081,612 March 28, 1978 Hafner 370/393 July 14, 1976 4,081,753 March 28, 1978 Miller 455/158.2 December 13, 1 4,091,417 May 23, 1978 Nieson 380/232 February 23, 19 4,104,486 August 1, 1978 Martin et al. 379/106.06 June 29, 197 4,112,464 September 5, 1978 Gulfe et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/212 September 6, 1 4,115,807 September 19, 1978 Pires 380/233 November 1, 19 4,120,030 October 10, 1978 Johnstine 713/190 March 11, 197 4,130,833 December 19, 1978 Choenet 380/220 April 11, 197 4,161,751 July 3, 1979 Barnes et al. 380/29 November 17, 1 4,161,751 July 17, 1979 Ost 725/25 May 19, 197 4,163,254 July 31, 1979 Block et al. 380/233 June 15, 197 4,168,396 September 18, 1979 Best		4,068,264	January 10, 1978	Pires	380/233	July 19, 1976
4,081,753 March 28, 1978 Miller 455/158.2 December 13, 1 4,091,417 May 23, 1978 Nieson 380/232 February 23, 19 4,104,486 August 1, 1978 Martin et al. 379/106.06 June 29, 197 4,112,464 September 5, 1978 Gulf et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/212 September 6, 1 4,115,807 September 19, 1978 Pires 380/233 November 1, 19 4,120,030 October 10, 1978 Johnstine 713/190 March 11, 19 4,130,833 December 19, 1978 Choenet 380/220 April 11, 197 4,160,120 July 3, 1979 Barnes et al. 380/29 November 17, 1 4,161,751 July 17, 1979 Ost 725/25 May 19, 197 4,163,254 July 31, 1979 Block et al. 380/233 June 15, 197 4,168,396 September 18, 1979 Best 713/190 October 31, 19 4,170,782 October 9, 1979 Miller		4,079,419	March 14, 1978	Siegle et al.	348/732	October 29, 1975
4,091,417 May 23, 1978 Nieson 380/232 February 23, 1978 4,104,486 August 1, 1978 Martin et al. 379/106.06 June 29, 197 4,112,464 September 5, 1978 Gulf et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/212 September 6, 1 4,115,807 September 19, 1978 Pires 380/233 November 1, 19 4,120,030 October 10, 1978 Johnstine 713/190 March 11, 197 4,130,833 December 19, 1978 Choenet 380/220 April 11, 197 4,138,726 February 26, 1979 Girault et al. 345/113 June 29, 197 4,160,120 July 3, 1979 Barnes et al. 380/29 November 17, 1 4,161,751 July 17, 1979 Ost 725/25 May 19, 97 4,163,254 July 31, 1979 Block et al. 380/233 June 15, 197 4,168,396 September 18, 1979 Best 713/190 October 31, 19 4,170,782 October 16, 1979 Miller <td></td> <td>4,081,612</td> <td>March 28, 1978</td> <td>Hafner</td> <td>370/393</td> <td>July 14, 1976</td>		4,081,612	March 28, 1978	Hafner	370/393	July 14, 1976
4,104,486 August 1, 1978 Martin et al. 379/106.06 June 29, 197 4,112,464 September 5, 1978 Gulf et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/212 September 6, 1 4,115,807 September 19, 1978 Pires 380/233 November 1, 19 4,120,030 October 10, 1978 Johnstine 713/190 March 11, 197 4,130,833 December 19, 1978 Choenet 380/220 April 11, 197 4,138,726 February 26, 1979 Girault et al. 345/113 June 29, 197 4,160,120 July 3, 1979 Barnes et al. 380/29 November 17, 1 4,161,751 July 17, 1979 Ost 725/25 May 19, 197 4,163,254 July 31, 1979 Block et al. 380/233 February 14, 19 4,168,396 September 18, 1979 Best 713/190 October 31, 19 4,170,782 October 9, 1979 Miller 725/14 October 28, 19 4,171,513 October 16, 1979 Otey et	•	4,081,753	March 28, 1978	Miller	455/158.2	December 13, 1976
4,112,464 September 5, 1978 Gulf et al. 380/241 May 11, 197 4,115,662 September 19, 1978 Gulnet et al. 380/212 September 6, 1 4,115,807 September 19, 1978 Pires 380/233 November 1, 19 4,120,030 October 10, 1978 Johnstine 713/190 March 11, 197 4,130,833 December 19, 1978 Choenet 380/220 April 11, 197 4,138,726 February 26, 1979 Girault et al. 345/113 June 29, 197 4,160,120 July 3, 1979 Barnes et al. 380/29 November 17, 1 4,161,751 July 17, 1979 Ost 725/25 May 19, 197 4,163,254 July 31, 1979 Pires 380/233 June 15, 197 4,168,396 September 18, 1979 Best 713/190 October 31, 19 4,170,782 October 9, 1979 Miller 725/14 October 28, 19 4,171,513 October 16, 1979 Ote et al. 380/23 July 22, 196 4,172,213 October 23, 1979 Barnes et al.		4,091,417	May 23, 1978	Nieson	380/232	February 23, 1977
4,115,662 September 19, 1978 Gulnet et al. 380/212 September 6, 1 4,115,807 September 19, 1978 Pires 380/233 November 1, 19 4,120,030 October 10, 1978 Johnstine 713/190 March 11, 197 4,130,833 December 19, 1978 Choenet 380/220 April 11, 197 4,138,726 February 26, 1979 Girault et al. 345/113 June 29, 197 4,160,120 July 3, 1979 Barnes et al. 380/29 November 17, 1 4,161,751 July 17, 1979 Ost 725/25 May 19, 197 4,163,254 July 31, 1979 Block et al. 380/233 February 14, 19 4,163,255 July 31, 1979 Pires 380/233 June 15, 197 4,168,396 September 18, 1979 Best 713/190 October 31, 19 4,170,782 October 9, 1979 Miller 725/14 October 23, 19 4,171,513 October 16, 1979 Otey et al. 380/43 July 22, 196 4,172,213 October 23, 1979 Barnes et al.		4,104,486	August 1, 1978	Martin et al.	379/106.06	June 29, 1976
4,115,807 September 19, 1978 Pires 380/233 November 1, 19 4,120,030 October 10, 1978 Johnstine 713/190 March 11, 197 4,130,833 December 19, 1978 Choenet 380/220 April 11, 197 4,138,726 February 26, 1979 Girault et al. 345/113 June 29, 197 4,160,120 July 3, 1979 Barnes et al. 380/29 November 17, 1 4,161,751 July 17, 1979 Ost 725/25 May 19, 197 4,163,254 July 31, 1979 Block et al. 380/233 February 14, 19 4,168,396 September 18, 1979 Best 713/190 October 31, 19 4,170,782 October 9, 1979 Miller 725/14 October 28, 19 4,171,513 October 16, 1979 Otey et al. 380/43 July 22, 1969 4,172,213 October 23, 1979 Barnes et al. 380/29 November 17, 1 4,186,413 January 29, 1980 Mortimer 348/473 November 14, 1 4,200,770 April 29, 1980 Hellman et al. </td <td></td> <td>4,112,464</td> <td>September 5, 1978</td> <td>Gulf et al.</td> <td>380/241</td> <td>May 11, 1977</td>		4,112,464	September 5, 1978	Gulf et al.	380/241	May 11, 1977
4,120,030 October 10, 1978 Johnstine 713/190 March 11, 197 4,130,833 December 19, 1978 Choenet 380/220 April 11, 197 4,138,726 February 26, 1979 Girault et al. 345/113 June 29, 197 4,160,120 July 3, 1979 Barnes et al. 380/29 November 17, 1 4,161,751 July 17, 1979 Ost 725/25 May 19, 197 4,163,254 July 31, 1979 Block et al. 380/233 February 14, 19 4,163,255 July 31, 1979 Pires 380/233 June 15, 197 4,168,396 September 18, 1979 Best 713/190 October 31, 19 4,170,782 October 9, 1979 Miller 725/14 October 28, 19 4,171,513 October 16, 1979 Otey et al. 380/43 July 22, 1969 4,186,413 January 29, 1980 Mortimer 348/473 November 17, 1 4,196,310 April 1, 1980 Forman et al. 380/46 November 3, 19 4,200,770 April 29, 1980 Kuhar et al.		4,115,662	September 19, 1978	Gulnet et al.	380/212	September 6, 1977
4,130,833 December 19, 1978 Choenet 380/220 April 11, 197 4,138,726 February 26, 1979 Girault et al. 345/113 June 29, 197 4,160,120 July 3, 1979 Barnes et al. 380/29 November 17, 1 4,161,751 July 17, 1979 Ost 725/25 May 19, 197 4,163,254 July 31, 1979 Block et al. 380/233 February 14, 19 4,163,255 July 31, 1979 Pires 380/233 June 15, 197 4,168,396 September 18, 1979 Best 713/190 October 31, 19 4,170,782 October 9, 1979 Miller 725/14 October 28, 19 4,171,513 October 16, 1979 Otey et al. 380/43 July 22, 1969 4,172,213 October 23, 1979 Barnes et al. 380/29 November 17, 1 4,186,413 January 29, 1980 Mortimer 348/473 November 14, 1 4,196,310 April 1, 1980 Forman et al. 380/46 November 3, 19 4,200,770 April 29, 1980 Kuhar et al.		4,115,807		Pires	380/233	November 1, 1976
4,138,726 February 26, 1979 Girault et al. 345/113 June 29, 197 4,160,120 July 3, 1979 Barnes et al. 380/29 November 17, 1 4,161,751 July 17, 1979 Ost 725/25 May 19, 197 4,163,254 July 31, 1979 Block et al. 380/233 February 14, 19 4,163,255 July 31, 1979 Pires 380/233 June 15, 197 4,168,396 September 18, 1979 Best 713/190 October 31, 19 4,170,782 October 9, 1979 Miller 725/14 October 28, 19 4,171,513 October 16, 1979 Otey et al. 380/43 July 22, 1969 4,172,213 October 23, 1979 Barnes et al. 380/29 November 17, 1 4,186,413 January 29, 1980 Mortimer 348/473 November 14, 1 4,196,310 April 1, 1980 Forman et al. 380/46 November 3, 19 4,200,770 April 29, 1980 Hellman et al. 380/30 September 6, 1 4,215,366 July 29, 1980 Davidson 380/235 April 24, 197 4,215,370 July 29, 1980 </td <td></td> <td>4,120,030</td> <td>October 10, 1978</td> <td></td> <td></td> <td>March 11, 1977</td>		4,120,030	October 10, 1978			March 11, 1977
4,160,120 July 3, 1979 Barnes et al. 380/29 November 17, 1 4,161,751 July 17, 1979 Ost 725/25 May 19, 197 4,163,254 July 31, 1979 Block et al. 380/233 February 14, 19 4,163,255 July 31, 1979 Pires 380/233 June 15, 197 4,168,396 September 18, 1979 Best 713/190 October 31, 19 4,170,782 October 9, 1979 Miller 725/14 October 28, 19 4,171,513 October 16, 1979 Otey et al. 380/43 July 22, 1969 4,172,213 October 23, 1979 Barnes et al. 380/29 November 17, 1 4,186,413 January 29, 1980 Mortimer 348/473 November 14, 1 4,196,310 April 1, 1980 Forman et al. 380/46 November 3, 19 4,200,770 April 29, 1980 Hellman et al. 380/30 September 6, 1 4,200,913 April 29, 1980 Kuhar et al. 341/23 April 13, 197 4,215,366 July 29, 1980 Davidson 380/235 April 24, 1979 4,215,370 July 29, 1980			·			April 11, 1977
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4,163,255 July 31, 1979 Pires 380/233 June 15, 197 4,168,396 September 18, 1979 Best 713/190 October 31, 19 4,170,782 October 9, 1979 Miller 725/14 October 28, 19 4,171,513 October 16, 1979 Otey et al. 380/43 July 22, 1969 4,172,213 October 23, 1979 Barnes et al. 380/29 November 17, 1 4,186,413 January 29, 1980 Mortimer 348/473 November 14, 1 4,196,310 April 1, 1980 Forman et al. 380/46 November 3, 19 4,200,770 April 29, 1980 Hellman et al. 380/30 September 6, 1 4,200,913 April 29, 1980 Kuhar et al. 341/23 April 13, 197 4,215,366 July 29, 1980 Davidson 380/235 April 24, 1979 4,215,370 July 29, 1980 Kirk, Jr. 375/240.01 February 22, 19 4,225,967 September 3, 1980 Miwa et al. 455/68 January 9, 19				Ost	1	
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4,172,213 October 23, 1979 Barnes et al. 380/29 November 17, 1 4,186,413 January 29, 1980 Mortimer 348/473 November 14, 1 4,196,310 April 1, 1980 Forman et al. 380/46 November 3, 19 4,200,770 April 29, 1980 Hellman et al. 380/30 September 6, 1 4,200,913 April 29, 1980 Kuhar et al. 341/23 April 13, 197 4,215,366 July 29, 1980 Davidson 380/235 April 24, 1979 4,215,370 July 29, 1980 Kirk, Jr. 375/240.01 February 22, 19 4,225,967 September 3, 1980 Miwa et al. 455/68 January 9, 19				 		<u> </u>
4,186,413 January 29, 1980 Mortimer 348/473 November 14, 1 4,196,310 April 1, 1980 Forman et al. 380/46 November 3, 19 4,200,770 April 29, 1980 Hellman et al. 380/30 September 6, 1 4,200,913 April 29, 1980 Kuhar et al. 341/23 April 13, 197 4,215,366 July 29, 1980 Davidson 380/235 April 24, 1979 4,215,370 July 29, 1980 Kirk, Jr. 375/240.01 February 22, 19 4,225,967 September 3, 1980 Miwa et al. 455/68 January 9, 19						
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4,225,967 September 3, 1980 Miwa et al. 455/68 January 9, 19						
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						May 3, 1978 April 20, 1979

EXAMINER	PATENT	PATENT		CLASS/	FILING
INITIAL	NUMBER	DATE	NAME	SUBCLASS	DATE*
	4,237,484	December 2, 1980	Brown et al.	375/240.12	August 8, 1979
	4,237,486	December 2, 1980	Shimp	348/475	November 9, 1978
	4,245,246	January 13, 1981	Cheung	380/235	August 3, 1978
	4,247,106	January 27, 1981	Jeffers et al.	463/29	April 12, 1978
	4,250,489	February 10, 1981	Dudash et al.	340/825.02	October 31, 1978
	4,250,521	February 10, 1981	Wright	348/616	June 19, 1979
	4,250,524	February 10, 1981	Tomizawa	380/232	February 22, 1979
	4,251,691	February 17, 1981	Kakihara et al.	348/14.01	December 1, 1978
	4,253,114	February 24, 1981	Tang et al.	380/212	September 26, 1978
	4,253,157	February 24, 1981	Kirschner et al.	707/104	September 29, 1978
	4,262,329	April 14, 1981	Bright et al.	713/164	March 27, 1978
	4,264,925	April 28, 1981	Freeman et al.	725/138	August 13, 1979
	4,266,243	May 5, 1981	Shutterly	380/236	April 25, 1979
	4,275,411	June 23, 1981	Lippel	348/472	April 19, 1978
	4,283,602	August 11, 1981	Adams et al.	380/41	September 23, 1968
	4,284,976	August 18, 1981	Gable et al.	340/825.43	June 7, 1979
	4,286,281	August 25, 1981	Suzuki	386/12	September 26, 1979
	4,287,592	September 1, 1981	Paulish et al.	370/403	May 23, 1979
	4,288,809	September 8, 1981	Yabe	348/468	May 21, 1980
	4,290,141	September 15, 1981	Anderson et al.	725/24	July 2, 1979
	4,295,223	October 13, 1981	Shutterly	455/72	April 25, 1979
	4,302,771	November 24, 1981	Gargini	725/119	July 23, 1980
	4,304,990	December 8, 1981	Atalla	380/45	February 4, 1980
	4,305,131	December 8, 1981	Best	345/327	March 31, 1980
	4,306,289	December 15, 1981	Lumley	713/190	February 4, 1980
	4,306,305	December 15, 1981	Doi et al.	714/755	October 19, 1979
	4,307,446	December 22, 1981	Barton et al.	710/131	May 2, 1979
	4,310,854	January 12, 1982	Baer	348/484	August 28, 1979
	4,312,016	January 19, 1982	Glaab et al.	348/706	February 2, 1979
	4,313,132	January 26, 1982	Doles et al.	725/26	October 31, 1979
	4,314,367	February 2, 1982	Bakka et al.	370/422	January 17, 1980
	4,316,055	February 16, 1982	Feistel	380/37	December 30, 1976
	4,316,245	February 16, 1982	Luu et al.	709/106	December 7, 1978
	4,317,215	February 23, 1982	Tabata et al.	725/131	September 11, 1979
	4,318,125	March 2, 1982	Shutterly	380/236	April 25, 1979
	4,319,079	March 9, 1982	Best	713/190	January 17, 1980
	4,322,745	March 30, 1982	Saeki et al.	380/242	March 21, 1980
	4,323,921	April 6, 1982	Guillou	705/53	January 23, 1980
	4,323,922	January 6, 1982	de Toonder et al.	380/226	December 17, 1979
	4,325,078	April 13, 1982	Seatom et al.	380/230	November 20, 1979
	4,329,675	May 11, 1982	Van Hulle	725/32	September 23, 1980
	4,329,684	May 11, 1982	Monteath et al.	345/180	January 15, 1980
	4,330,794	May 18, 1982	Sherwood	380/206	February 25, 1980
	4,332,980	June 1, 1982	Reynolds et al.	370/259	May 30, 1980
	4,334,242	June 8, 1982	Mangold	386/46	January 14, 1980

EXAMINER	PATENT	PATENT		CLASS/	FILING
INITIAL	NUMBER 4 220 FF2	DATE	NAME	SUBCLASS	DATE*
	4,336,553	June 22, 1982	den Toonder et al.	380/206	May 14, 1980
_	4,336,559	June 22, 1982	Koyama et al.	260/73.05	November 9, 1978
•	4,337,480	June 29, 1982	Bourassin et al.	348/552	February 8, 1980
	4,338,628	July 6, 1982	Payne et al.	380/213	December 19, 1979
	4,339,798	July 13, 1982	Hedges et al.	463/26	December 17, 1979
	4,340,903	July 20, 1982	Tamura	348/187	August 6, 1980
	4,343,042	August 3, 1982	Schrock et al.	725/116	June 9, 1979
	4,347,498	August 31, 1982	Lee et al.	340/825.02	November 21, 1979
	4,347,532	August 31, 1982	Korver	348/565	October 14, 1980
	4,353,088	October 5, 1982	den Toonder et al.	380/206	May 14, 1980
	4,354,201	October 12, 1982	Sechet et al.	380/228	June 11, 1980
	4,360,828	November 23, 1982	Briggs, Jr. et al	725/114	August 7, 1978
	4,361,851	November 30, 1982	Asip et al.	725/14	January 4, 1980
	4,361,877	November 30, 1982	Dyer et al.	702/176	February 5, 1980
	4,364,081	December 14, 1982	Hashimoto et al.	348/617	April 16, 1981
	4,365,110	December 21, 1982	Lee et al.	380/28	June 5, 1979
	4,367,548	January 4, 1983	Cotten, Jr. et al.	359/125	April 10, 1980
	4,367,557	January 4, 1983	Stern et al.	725/149	May 25, 1979
	4,368,483	January 11, 1983	Liu	348/617	June 22, 1981
	4,368,486	January 11, 1983	Degoulet et al.	348/598	February 25, 1981
	4,374,437	February 15, 1983	Citta et al.	455/164.2	December 29, 1980
	4,375,579	March 1, 1983	Davida et al.	380/28	January 30, 1980
	4,375,651	March 1, 1983	Templin et al.	348/731	July 27, 1981
	4,378,470	March 29, 1983	Murto, el al.	379/93.05	March 25, 1981
	4,379,205	April 5, 1983	Wyner	380/28	June 22, 1979
	4,385,324	May 24, 1983	Shioda et al.	348/781	November 16, 1981
	4,388,643	June 14, 1983	Aminetzah	380/239	April 6, 1981
	4,388,645	June 14, 1983	Cox et al.	348/468	April 13, 1981
	4,388,664	June 14, 1983	Ishman et al.	361/93.6	August 3, 1981
	4,389,671	June 21, 1983	Posner et al.	380/235	September 29, 1980
	4,390,898	June 28, 1983	Bond et al.	380/241	March 23, 1981
	4,394,691	July 19, 1983	Amano et al.	348/734	July 30, 1981
	4,394,762	July 19, 1981	Nabeshima	714/758	January 6, 1981
	4,395,757	July 26, 1983	Bienvenu et al.	709/104	April 14, 1981
	4,396,915	August 2, 1983	Farnsworth et al.	340/870.03	March 31, 1980
	4,396,946	August 2, 1983	Bond	380/226	March 23, 1981
	4,396,947	August 2, 1983	Cheung	380/222	March 26, 1980
	4,398,216	August 9, 1983	Field et al.	380/238	September 19, 1980
	4,400,587	August 23, 1983	Taylor et al.	379/113	August 25, 1981
	4,405,942	September 20, 1983	Block et al.	380/214	March 3, 1982
	4,410,917	October 18, 1983	Newdoll et al.	360/214	September 14, 1981
	4,413,339	November 1, 1983			
			Riggle et al.	714/765	July 24, 1981
	4,415,771	November 15, 1983	Martinez Paraca Ir	379/43	April 3, 1981
	4,422,093	December 20, 1983	Pargee, Jr.	725/115	January 27, 1983
	4,424,532	January 3, 1984	den Toonder et al.	380/226	May 9, 1983

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/	FILING
INITIAL	4,425,581	January 10, 1984	Schweppe et al.	348/510	DATE* April 17, 1981
	4,433,207	February 21, 1984	Best	713/190	September 10, 1981
	4,434,323	February 28, 1984	Levine et al.	380/260	June 29, 1981
	4,434,436	February 28, 1984	Kleykamp et al.	380/209	July 13, 1981
	4,434,464	February 28, 1984	Suzuki et al.	711/164	March 31, 1981
	4,439,784	March 23, 1984	Furukawa et al.	725/25	September 26, 1980
	4,446,519	May 1, 1984	Thomas	711/164	May 26, 1981
	4,449,246	May 15, 1984	Seiler et al.	455/9	May 20, 1981
	4,455,570	June 19, 1984	Saeki, et al.	725/92	October 13, 1981
	4,461,002	July 17, 1984	Nanko	714/798	January 19, 1982
	4,464,679	August 7, 1984	Wargo	348/510	July 6, 1981
	4,467,139	August 21, 1984	Mollier	713/181	March 12, 1981
	4,467,356	August 21, 1984	McCoy	348/385.1	September 24, 1981
	4,471,163	September 11, 1984	Donald et al.	705/55	October 5, 1981
	4,471,164	September 11, 1984	Henry	380/30	October 13, 1981
	4,472,801	September 18, 1984	Huang	370/411	March 28, 1983
	4,473,824	September 25, 1984	Claytor	340/825.27	July 22, 1983
	4,475,123	October 2, 1984	Dumbauld et al.	380/211	April 2, 1981
	4,484,218	November 20, 1984	Boland et al.	725/131	April 29, 1981
	4,486,853	December 4, 1984	Parsons	345/418	April 1, 1981
	4,492,820	January 8, 1985	Kennard et al.	379/46	October 24, 1980
	4,500,987	February 19, 1985	Hasegawa	370/462	November 23, 1982
	4,506,387	March 19, 1985	Walter	359/118	May 25, 1983
	4,513,174	April 23, 1985	Herman	711/214	March 19, 1981
	4,518,989	May 21, 1985	Yabiki et al.	725/92	September 30, 1982
<u> </u>	4,528,588	July 9, 1985	Lofberg	340/5.1	May 18, 1982
	4,528,589	July 9, 1985	Block et al.	380/241	February 1, 1984
	4,538,176	August 27, 1985	Nakajima et al.	725/119	November 26, 1979
	4,567,359	January 28, 1986	Lockwood	235/381	May 24, 1984
	4,580,134	April 1, 1986	Campbell et al.	345/152	November 16, 1982
	4,593,353	June 3, 1986	Pickholtz	705/55	October 26, 1981
	4,598,288	July 1, 1986	Yarbrough et al.	340/5.74	December 20, 1983
	4,599,644	July 8, 1986	Fischer	725/21	October 25, 1984
	4,611,227	September 9, 1986	Brockhurst et al.	348/468	November 22, 1982
	4,614,971	September 30, 1986	Maney et al.	348/466	January 5, 1983
	4,631,585	December 23, 1986	Wine	348/510	May 7, 1984
	4,636,851	January 13, 1987	Drury et al.	380/215	December 12, 1983
	4,647,974	March 3, 1987	Butler et al.	358/185	April 12, 1985
	4,677,552	June 30, 1987	Sibley, Jr.	705/37	October 5, 1984
	4,677,685	June 30, 1987	Kurisu	725/151	July 16, 1985
	4,680,797	July 14, 1986	Benke et al.	704/211	June 26, 1984
	4,682,292	July 21, 1987	Bue et al.	701/35	July 23, 1984
	4,688,105	August 18, 1987	Bloch et al.	386/38	May 10, 1985
	4,689,661	August 25, 1987	Barbieri et al.	375/240.01	June 22, 1981
	4,706,109	November 10, 1987	Murray	348/481	May 30, 1985

EXAMINER	PATENT	PATENT		CLASS/	FILING
INITIAL	NUMBER	DATE	NAME	SUBCLASS	DATE*
	4,706,282	November 10, 1987	Knowd	713/168	December 23, 1985
	4,742,516	May 3, 1988	Yamaguchi	370/312	January 10, 1986
	4,742,543	May 3, 1988	Fredericksen	380/237	July 10, 1986
	4,744,080	May 10, 1988	Brennand et al.	380/212	February 27, 1986
	4,748,619	May 31, 1988	Vigarie et al.	370/349	February 20, 1987
	4,772,887	September 20, 1988	Dunkerton	340/825.48	August 5, 1983
	4,774,583	September 27, 1988	Kellar et al.	348/585	February 6, 1985
	4,782,387	November 1, 1988	Sabri et al.	375/240.21	December 9, 1986
	4,809,267	February 28, 1989	Higuchi et al.	370/460	June 29, 1987
	4,814,756	March 21, 1989	Chauvel	345/565	January 28, 1987
	4,831,526	May 16, 1989	Luchs et al.	705/4	April 22, 1986
	4,835,777	May 30, 1989	DeLuca, et al.	714/822	January 7, 1987
	4,908,713	March 13, 1990	Levine	386/83	June 29, 1988
	4,942,616	July 7, 1990	Linstroth et al.	704/275	September 9, 1985
	4,963,994	October 16, 1990	Levine	386/83	February 23, 1990
	RE 31,182	March 15, 1983	Crager et al.	178/3	October 11, 1979
	RE 31,735	November 13, 1984	Davidson	380/235	July 26, 1982
	RE 32,326	January 6, 1987	Nagel et al.	348/463	May 19, 1983

* If Pertinent

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EXAMINER	DOCUMENT	PUBLICATION	mark and a second	CLASS/	TRANSL	ATION
INITIAL	NUMBER	DATE	COUNTRY	SUBCLASS	YES	NO
	1,556,366		UK			
	2,853,764		DE			
	2,904,981		Germany			
	3,143,627		Germany			
	60-146587		JP			
	AU 74,619		AU			
	DE 2,904,891		DE			
	DE 2338380		DE			
	DE 2918846		DE			
	DE 3,143,627		DE			
	DT 2,550,624 A1		Germany			
	DT 255,024		DT			
	EP 187,417	16-Jul-86	EP			
	EP 55674		EP			
	FR 79-03351	Feb-79	FR			
	GB 1,370,535		GB			
	GB 1,515,309	21-Jun-78	GB			
	GB 1554411		GB			
	GB 2,016,874	Feb-79	GB			
	GB 2,140,963		GB			
	GB 2034995		GB			

EXAMINER	DOCUMENT	PUBLICATION		CLASS/	TRANSLATION
INITIAL	NUMBER	DATE _	COUNTRY	SUBCLASS	YES NO
	GB 959,274		GB		
	JA 0053984	Jinno	JP		
	JP 53-11515		JP		
	JP 53-121420		JP		
	JP 55-028691		JP		
	JP 55-500886		JP		
	JP 56-51161		JP		
	JP 57-199377		JP		
	JP 59-154886		JP		
	JP 59-50134		JP		
	JP 60-149281		JP		
	JP 61-20441		JP		
	JP 61-267474		JP		
	PL 204,525	Feb-78	PL		
	WO 80/02093		WIPO		

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	9/76	Gaines, B.R. and	"Minicomputers in Security Dealing," Çomputer, September,
		Sams, J.,	1976, pp. 6-15.
	4/79	Kazama et al.,	"Automatic storage and retreival of video taped programs", 4/79
	3/80		Transcript of Viewdata '80, first world conference on viewdata,
		Danasa K D at	videotex, and teletext, 26-28 March 1980, London.
		Benson, K. B. et al.	"CBS New York Video Tape Facilities"
	1960	Brown et al.	Project SCORE " nn. 624 620, 1060
	1900	Burkhardt et al.	Project SCORE," pp. 624-630, 1960.
	1000		"Digitial Television Transmisson With 34 Mbit/s"
	1959	Byloff	"Automatic Control of Video Tape Equipment at NBC,
			Burbank," by the National Broadcasting Company, Inc. In 1959.
		Charles Gerrish	"QUBE"- INTERACTIVE VIDEO ON THE MOVE"
	1/76	Crowther, et al.	"TELETEXT RECEIVER LSI DATA ACQUISITION AND
		G.O.	CONTROL," 1/13/76, pp 911-915
		Davidoff, Frank	"The All-Digital Television Studio," SMPTE Journal, vol. 89, No.
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'	:	Diederich, Werner DT,	"Electronic Image and Tone Return Equipment With Switching System and Remote Control Receiver for Television Decoder"
		Gaucher,	"Automatic Program Recording System"
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	1050		"Automatic Switching in the CBC- An Update"
	1959	Marsden,	"Master Control Techniques," v 9 of the "Journal of the Television Society," 1959
		McArthur, David	"The television as a receive only terminal"
		Millar et al.	"Transmission of Alphanumeric Data by Television"
		Schober	"The WETA Teletext Filed Trial: Some Technical Concerns"
		Skilton	"The Digitrol 2 - Automatic VTR Programme Control

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		Stern	"An Auotmated Programming Control Sysem for Cable TV"
		Yamane et al.	"System and apparatus for automatic Monitoring control of Broadcast Circuits"
		Zettl	"Television Production Handbook", second edition.
		Schiller et al.	"CATV Program Origination and Production"
	6/71	Hughes et al.	"Some Design Considerations for Home Interactive Terminals, IEEE Transaction on Broadcasting, Vol. BC-17, No. 2, June 1971.
		Kaneko et al.	"Digital Transmission of Broadcast Television with Reduced Bit Rate."
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		Yamane et al.,	"System and Apparatus for Automatic Monitoring Control of Broadcast Circuits."
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	4/1980	Heider, et al.	"Videotext und Bildschirmtext," Grundig Technische Informationen, Heft 4/5, 1980, pp. 171-195.
	6/1984		Kombinierer fur Videotextsignal, "Runfunktechnische Mitteilungen," Jahrgang 28, (1984), Heft 6, pp. 273-289.

EXAMINER	DATE CONSIDERED
EXAMINER:Initial if citation considered, whether or not citation is in conformance in conformance and not considered. Include copy of this form with next communic	with M.P.E.P. 609; draw line through citation if not cation to applicant(s).